

CERTIFICATE OF ANALYSIS

Catalog #:	9565	Lot #:	4J28020				
Description:	MAb to SARS-CoV-2 S1, Trimeric Monoclonal Antibody to SARS-CoV-2 Trimeric Spike 1 Protein, Linear Epitope						
Source:	Cell Culture	Isotype:	IgG ₁				
Immunogen:	Recombinant SARS-CoV-2 S1 Protein						
Format:	Purified, Liquid						
Purity:	> 90% (Protein A Purification)						
Concentration:	3.06 mg/mL (OD280nm)						
Buffer:	Phosphate Buffered Saline, pH 7.4						
Preservative:	None						
Applications:	<p>Coronavirus-neutralizing antibodies primarily target the trimeric spike (S) glycoproteins on the viral surface that mediate entry into host cells. This antibody binds to recombinant SARS-CoV-2 trimeric spike protein and can recognize the membrane bound form from the cell line expressing full-length SARS-CoV-2 protein. This antibody is specific to SARS-CoV-2 Spike trimeric protein and does not cross react with recombinant SARS-CoV, HCoV-229E, HCoV-HKU1, HCoV-NL63 and HCoV-OC43. This antibody can be mixed 1:1 with 9551 for a synergistic effect that increases sensitivity in ELISA. This antibody was prepared against the linear epitope, so it is not conformation dependent. This antibody was designed to work with saliva patient samples that do not require lysis. Every laboratory needs to determine the optimal working conditions for ELISA, Lateral Flow and Western Blot applications.</p> <p>Recommended pair for Immunoassay:</p> <table><tr><td><u>Capture</u></td><td><u>Detection</u></td></tr><tr><td>9550</td><td>9565 and 9551 (Use as 1:1 for a synergistic effect to enhance sensitivity.)</td></tr></table>			<u>Capture</u>	<u>Detection</u>	9550	9565 and 9551 (Use as 1:1 for a synergistic effect to enhance sensitivity.)
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9550	9565 and 9551 (Use as 1:1 for a synergistic effect to enhance sensitivity.)						
Storage:	Store at 2-8°C.						
Safety Note(s):	Refer to the appropriate Safety Data Sheet (SDS) for additional information.						

Quality Signature:



07 OCT 2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY